



#3

SEQUENCE LISTING

<110> Urry, David

<120> Injectable Implants For Tissue Augmentation and Restoration

<130> BERL-020/04US

<140> 09/841,321

<141> 2001-04-23

<150> US 09/258,723

<151> 1999-02-26

<150> US 60/087155

<151> 1998-05-29

<150> US 60/076297

<151> 1998-02-27

<160> 65

<170> PatentIn version 3.0

<210> 1

<211> 180

<212> DNA

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<221> misc_feature

<222> (1)..(180)

<223> Synthetic

<400> 1

gaggatccga agacaacagg tgggtgttccg ggcggcgtagc cgggtggcgt accgggcggt 60

ttcccgagg gtgtgccggg tggggttcca ggcgggtgtagc cgggtgggtt tccgggcggt 120

gttccgggtg gagttccggg tggcgtgccg ggcgggttttc caggaagtct tccgatccag 180

<210> 2

<211> 113

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(113)

<223> Synthetic

<400> 2

gaggatccag gcgttggggg accgggtgtt ggcgtaccgg gtaaagggtg cccgggcggt 60

gggtgtgccgg gtgtaggctt tccgggtttc ggattcccag gcgttggatc cag 113

<210> 3

<211> 33
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<400> 3
taggggtacc gggtcgtggt gactctccgg gcg

33

<210> 4
<211> 33
<212> DNA
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<220>
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<222> (1)..(33)
<223> Synthetic

<400> 4
cgcatcccca tggcccagca cactgagag gcc

33

<210> 5
<211> 111
<212> DNA
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<222> (1)..(111)
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<400> 5
gaggatccag gcgttgggggt accgggtggt ggcgtaccgg gtgttgggtgt cccgggcaaa
gggtgtgccgg gtgtaggcgt tccgggtgtg ggagtccag gcgttggatc c

60

111

<210> 6
<211> 345
<212> DNA
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<220>
<221> misc_feature
<222> (1)..(345)
<223> Synthetic

<400> 6
ggcgttggtg taccgggtgt tgggtgtgccg ggtgttggtg ttccggggt aggcgtaccg
ggcgtaggcg tgccggggt aggcgttccg ggcgtggggt taccggggt ggcgtgccg

60

120

Feature Table

PEPTIDE

<400> 12

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1 5 10 15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
20 25 30

<210> 13

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (1)..(111)

<223> Synthetic

<400> 13

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1 5 10 15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
20 25 30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
35 40 45

Val Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
50 55 60

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
65 70 75 80

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
85 90 95

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
100 105 110

<210> 14

<211> 148

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (1)..(148)

<223> Synthetic

<400> 14

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1 5 10 15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val

	20		25		30
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly	35	40	45		
Val Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val	50	55	60		
Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro	65	70	75	80	
Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val	85	90	95		
Ala Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val	100	105	110		
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro	115	120	125		
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly	130	135	140		

Val Gly Val Pro
145

<210> 15
<211> 30
<212> PRT
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<220>
<221> PEPTIDE
<222> (1)..(30)
<223> Synthetic

<400> 15

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly	1	5	10	15
-----------------------------------------------------------------	---	---	----	----

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro	20	25	30
---------------------------------------------------------	----	----	----

<210> 16
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
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<222> (1)..(4)
<223> Synthetic

<400> 16

Val Pro Gly Gly
1

<210> 17
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <221> PEPTIDE
 <222> (1)..(5)
 <223> Synthetic

<400> 17

Val Pro Gly Val Gly
 1 5

<210> 18
 <211> 1255
 <212> PRT
 <213> Artificial Sequence

<220>
 <221> PEPTIDE
 <222> (1)..(1255)
 <223> Synthetic

<400> 18

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 1 5 10 15
 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
 20 25 30
 Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
 35 40 45
 Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 50 55 60
 Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 65 70 75 80
 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 85 90 95
 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
 100 105 110
 Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
 115 120 125
 Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 130 135 140
 Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 145 150 155 160
 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 165 170 175

Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
180		185	190
Gly Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly	
195	200	205	
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	
210	215	220	
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro
225	230	235	240
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly
	245	250	255
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
	260	265	270
Gly Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly	
	275	280	285
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	
	290	295	300
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro
305	310	315	320
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly
	325	330	335
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
	340	345	350
Gly Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly	
	355	360	365
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	
	370	375	380
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro
385	390	395	400
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly
	405	410	415
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
	420	425	430
Gly Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly	
	435	440	445
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	
	450	455	460
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro
465	470	475	480
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly
	485	490	495

Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
500		505	510
Gly Val Pro	Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly
515		520	525
Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
530		535	540
Pro Gly Val	Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
545		550	555
Gly Val Gly	Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val
	565		570
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
	580		585
Gly Val Pro	Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly
	595		600
Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
	610		615
Pro Gly Val	Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
625		630	635
Gly Val Gly	Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val
	645		650
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
	660		665
Gly Val Pro	Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly
	675		680
Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
	690		695
Pro Gly Val	Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
705		710	715
Gly Val Gly	Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val
	725		730
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
	740		745
Gly Val Pro	Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly
	755		760
Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
	770		775
Pro Gly Val	Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
785		790	795
Gly Val Gly	Val Pro Gly	Val Gly Val	Pro Gly Val Gly Val
	805		810
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val

820				825				830							
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
835				840				845							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val
850				855				860							
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro
865				870				875				880			
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
885				890				895							
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
900				905				910							
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
915				920				925							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val
930				935				940							
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro
945				950				955				960			
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
965				970				975							
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
980				985				990							
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
995				1000				1005							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1010				1015				1020							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1025				1030				1035							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1040				1045				1050							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1055				1060				1065							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1070				1075				1080							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1085				1090				1095							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1100				1105				1110							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1115				1120				1125							
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	
1130				1135				1140							

Protein Data Bank

Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1145						1150					1155			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1160						1165					1170			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1175						1180					1185			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1190						1195					1200			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1205						1210					1215			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1220						1225					1230			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1235						1240					1245			
Val	Pro	Gly	Val	Gly	Val	Pro								
1250						1255								

<210> 19
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<221> VARIANT
<222> (4)..(4)
<223> the amino acid residue at position 4 is any
amino acid that is modified to have an
electroresponsive side chain

<220>
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<222> (1)..(5)
<223> Synthetic

<400> 19

Val	Pro	Gly	Xaa	Gly
1				5

<210> 20
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
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<222> (1)..(5)
<223> Synthetic

<400> 20

Gly Val Gly Val Pro
1 5

<210> 21
<211> 166
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(166)
<223> Synthetic

<400> 21

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
1 5 10 15

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
20 25 30

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
35 40 45

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
50 55 60

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
65 70 75 80

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
85 90 95

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
100 105 110

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
115 120 125

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
130 135 140

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
145 150 155 160

Gly Arg Gly Asp Ser Pro
165

<210> 22
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
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<222> (1)..(25)
<223> Synthetic

1667997400

Feature 1

<400> 22

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1 5 10 15

Val Gly Val Pro Gly Glu Gly Val Pro
20 25

<210> 23
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<212> PRT
<213> Artificial Sequence

<220>
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<222> (1)..(100)
<223> Synthetic

<400> 23

Gly Ala Gly Gly Ala Thr Cys Cys Gly Ala Ala Gly Ala Cys Ala Ala
1 5 10 15

Cys Ala Gly Gly Thr Gly Gly Thr Gly Thr Thr Cys Cys Gly Gly Gly
20 25 30

Cys Gly Gly Cys Gly Thr Ala Cys Cys Gly Gly Gly Thr Gly Gly Cys
35 40 45

Gly Thr Ala Cys Cys Gly Gly Gly Cys Gly Gly Thr Thr Thr Cys Cys
50 55 60

Cys Gly Gly Gly Ala Gly Gly Thr Gly Thr Gly Cys Cys Gly Gly Gly
65 70 75 80

Thr Gly Gly Gly Gly Thr Thr Cys Cys Ala Gly Gly Cys Gly Gly Thr
85 90 95

Gly Thr Ala Cys
100

<210> 24
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
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<222> (1)..(100)
<223> Synthetic

<400> 24
ctggatccga agacttcctg gaaaaccgcc cggcacgccca cccggaactc caccggaac 60
accgcccga aaccacccg gtacaccgcc tggaaaccca 100

<210> 25
<211> 635

<212> PRT
<213> Artificial Sequence

<220>
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<222> (1)..(635)
<223> Synthetic

<400> 25

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1 5 10 15
Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
20 25 30
Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
35 40 45
Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
50 55 60
Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
65 70 75 80
Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
85 90 95
Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
100 105 110
Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
115 120 125
Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
130 135 140
Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145 150 155 160
Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly
165 170 175
Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys
180 185 190
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly
195 200 205
Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val
210 215 220
Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
225 230 235 240
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
245 250 255
Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
260 265 270

Protein Data Bank

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
 595 600 605

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
 610 615 620

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro
 625 630 635

<210> 26
 <211> 66
 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)..(66)
 <223> Synthetic

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 gtgtgc 66

<210> 27
 <211> 66
 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)..(66)
 <223> Synthetic

<400> 27
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 gggaca 66

<210> 28
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 <212> PRT
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<220>
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 <222> (1)..(6)
 <223> Synthetic

<400> 28

Gly Arg Gly Asp Ser Pro
 1 5

<210> 29
 <211> 50

Protein Data Bank

<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(50)
<223> Synthetic

<400> 29

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1 5 10 15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
20 25 30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
35 40 45

Val Pro
50

<210> 30
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(22)
<223> Synthetic

<400> 30
ctggatccag accatgggcg tt

22

<210> 31
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(36)
<223> Synthetic

<400> 31
ggcgttggtg taccgtaagc ttgaattcgg atccag

36

<210> 32
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(22)

105790 "PRT" 42262

<223> Synthetic

<400> 32
gacctaggtc tggtagccgc aa

22

<210> 33
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(36)
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<400> 33
ccgcaaccac atggcattcg aacttaagcc taggtc

36

<210> 34
<211> 2003
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(2003)
<223> Synthetic

<400> 34

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1 5 10 15
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
20 25 30
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
35 40 45
Val Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
50 55 60
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
65 70 75 80
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
85 90 95
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
100 105 110
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
115 120 125
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
130 135 140

Val 145	Pro	Gly	Val	Gly	Val 150	Pro	Gly	Val	Gly	Val 155	Pro	Gly	Val	Gly	Val 160
Pro	Gly	Val	Gly	Val 165	Pro	Gly	Arg	Gly	Asp 170	Ser	Pro	Gly	Val	Gly 175	Val
Pro	Gly	Val	Gly 180	Val	Pro	Gly	Val	Gly 185	Val	Pro	Gly	Val	Gly 190	Val	Pro
Gly	Val	Gly 195	Val	Pro	Gly	Val	Gly 200	Val	Pro	Gly	Val	Gly 205	Val	Pro	Gly
Val	Gly 210	Val	Pro	Gly	Val	Gly 215	Val	Pro	Gly	Val	Gly 220	Val	Pro	Gly	Val
Gly 225	Val	Pro	Gly	Val	Gly 230	Val	Pro	Gly	Val	Gly 235	Val	Pro	Gly	Val	Gly 240
Val	Pro	Gly	Val	Gly 245	Val	Pro	Gly	Val	Gly 250	Val	Pro	Gly	Val	Gly 255	Val
Pro	Gly	Val	Gly 260	Val	Pro	Gly	Val	Gly 265	Val	Pro	Gly	Val	Gly 270	Val	Pro
Gly	Val	Gly 275	Val	Pro	Gly	Arg	Gly 280	Asp	Ser	Pro	Gly	Val	Gly 285	Val	Pro
Gly 290	Val	Gly	Val	Pro	Gly	Val	Gly 295	Val	Pro	Gly	Val	Gly 300	Val	Pro	Gly
Val 305	Gly	Val	Pro	Gly	Val	Gly 310	Val	Pro	Gly	Val	Gly 315	Val	Pro	Gly	Val 320
Gly	Val	Pro	Gly	Val 325	Gly	Val	Pro	Gly	Val	Gly 330	Val	Pro	Gly	Val 335	Gly
Val	Pro	Gly	Val 340	Gly	Val	Pro	Gly	Val	Gly 345	Val	Pro	Gly	Val	Gly 350	Val
Pro	Gly	Val	Gly 355	Val	Pro	Gly	Val	Gly 360	Val	Pro	Gly	Val	Gly 365	Val	Pro
Gly 370	Val	Gly	Val	Pro	Gly	Val	Gly 375	Val	Pro	Gly	Val	Gly 380	Val	Pro	Gly
Val 385	Gly	Val	Pro	Gly	Arg	Gly 390	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly 400
Val	Gly	Val	Pro	Gly 405	Val	Gly	Val	Pro	Gly 410	Val	Gly	Val	Pro	Gly 415	Val
Gly	Val	Pro	Gly 420	Val	Gly	Val	Pro	Gly 425	Val	Gly	Val	Pro	Gly 430	Val	Gly
Val	Pro	Gly 435	Val	Gly	Val	Pro	Gly 440	Val	Gly	Val	Pro	Gly 445	Val	Gly	Val
Pro	Gly 450	Val	Gly	Val	Pro	Gly 455	Val	Gly	Val	Pro	Gly 460	Val	Gly	Val	Pro

Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	465	470	475	480
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	485	490	495	
Gly	Val	Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	500	505	510	
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	515	520	525	
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	530	535	540	
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	545	550	555	560
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	565	570	575	
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	580	585	590	
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	595	600	605	
Val	Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	610	615	620	
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	625	630	635	640
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	645	650	655	
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	660	665	670	
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	675	680	685	
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	690	695	700	
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	705	710	715	720
Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	725	730	735	
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	740	745	750	
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	755	760	765	
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	770	775	780	
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly				

Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1115						1120					1125			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1130						1135					1140			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
1145						1150					1155			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val
1160						1165					1170			
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
1175						1180					1185			
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
1190						1195					1200			
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
1205						1210					1215			
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
1220						1225					1230			
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
1235						1240					1245			
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
1250						1255					1260			
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Arg
1265						1270					1275			
Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
1280						1285					1290			
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
1295						1300					1305			
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
1310						1315					1320			
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
1325						1330					1335			
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
1340						1345					1350			
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
1355						1360					1365			
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
1370						1375					1380			
Val	Gly	Val	Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro
1385						1390					1395			
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro
1400						1405					1410			

1715		1720		1725
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val				
1730		1735		1740
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val				
1745		1750		1755
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val				
1760		1765		1770
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val				
1775		1780		1785
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val				
1790		1795		1800
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val				
1805		1810		1815
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Arg				
1820		1825		1830
Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly				
1835		1840		1845
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly				
1850		1855		1860
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly				
1865		1870		1875
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly				
1880		1885		1890
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly				
1895		1900		1905
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly				
1910		1915		1920
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly				
1925		1930		1935
Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro				
1940		1945		1950
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro				
1955		1960		1965
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro				
1970		1975		1980
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro				
1985		1990		1995
Gly Val Gly Val Pro				
2000				

915	920	925
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
930	935	940
Pro Gly Lys Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
945	950	955
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
965	970	975
Lys Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
980	985	990
Gly Val	Pro Gly Val Gly Val	Pro Gly Lys Gly
995	1000	1005
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly
1010	1015	1020
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Lys Gly
1025	1030	1035
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly
1040	1045	1050
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Lys Gly
1055	1060	1065
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly
1070	1075	1080
Val Pro		
1085		
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Val Gly Val	Pro Gly Val Gly Phe	Pro Gly Phe Gly Phe
20	25	30
Gly Val	Pro Gly Val Gly Val	Pro Gly Lys Gly Val
35	40	45
Val Pro Gly Val Gly Phe	Pro Gly Phe Gly Phe	Pro Gly Val Gly Val
50	55	60
Pro Gly Val Gly Val	Pro Gly Lys Gly Val	Pro Gly Val Gly Val

65						70										75						80
Gly	Val	Gly	Phe	Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val	Gly	Val	Pro	Gly							
				85					90					95								
Val	Gly	Val	Pro	Gly	Lys	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val							
			100					105					110									
Gly	Phe	Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly							
		115					120					125										
Val	Pro	Gly	Lys	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Phe							
	130					135					140											
Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro							
145					150					155					160							
Gly	Lys	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Phe	Pro	Gly							
				165					170					175								
Phe	Gly	Phe	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Lys							
			180					185					190									
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Phe	Pro	Gly	Phe	Gly							
		195					200					205										
Phe	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Lys	Gly	Val							
	210					215					220											
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Phe	Pro	Gly	Phe	Gly	Phe	Pro							
225					230					235				240								
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Lys	Gly	Val	Pro	Gly							
				245					250					255								
Val	Gly	Val	Pro	Gly	Val	Gly	Phe	Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val							
			260					265					270									
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Lys	Gly	Val	Pro	Gly	Val	Gly							
		275					280					285										
Val	Pro	Gly	Val	Gly	Phe	Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val	Gly	Val							
	290					295					300											
Pro	Gly	Val	Gly	Val	Pro	Gly	Lys	Gly	Val	Pro	Gly	Val	Gly	Val	Pro							
305					310					315				320								
Gly	Val	Gly	Phe	Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val	Gly	Val	Pro	Gly							
				325					330					335								
Val	Gly	Val	Pro	Gly	Lys	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val							
			340					345					350									
Gly	Phe	Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly							
		355					360					365										
Val	Pro	Gly	Lys	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Phe							
	370					375					380											
Pro	Gly	Phe	Gly	Phe	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro							
385					390					395				400								

105700" PRT 4362

Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly
405 410 415

Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys
420 425 430

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly
435 440 445

Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val
450 455 460

Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
465 470 475 480

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
485 490 495

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
500 505 510

Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
515 520 525

Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
530 535 540

Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
545 550 555 560

Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
565 570 575

Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
580 585 590

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
595 600 605

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
610 615 620

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro
625 630 635

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<211> 782
<212> PRT
<213> Artificial Sequence

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<222> (1)..(782)
<223> Synthetic

<400> 37

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
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Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	340	345	350
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	355	360	365
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	370	375	380
Val	Gly	Val	Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly	385	390	395
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	405	410	415
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	420	425	430
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	435	440	445
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	450	455	460
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	465	470	475
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	485	490	495
Gly	Val	Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	500	505	510
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	515	520	525
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	530	535	540
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	545	550	555
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	565	570	575
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	580	585	590
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	595	600	605
Val	Pro	Gly	Arg	Gly	Asp	Ser	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	610	615	620
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	625	630	635
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	645	650	655
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly			

130	135	140
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val		
145	150	155 160
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly		
	165	170 175
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val		
	180	185 190
Pro Gly Val Gly Val Pro Gly Val Gly Val Ala Pro Gly Val Gly Val		
	195	200 205
Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val		
	210	215 220
Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro		
	225	230 235 240
Gly Val Gly Val Ala Pro Gly Val Gly Val Pro Gly Val Gly Val Pro		
	245	250 255
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly		
	260	265 270
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val		
	275	280 285
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly		
	290	295 300
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val		
	305	310 315 320
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro		
	325	330 335
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Ala Pro		
	340	345 350
Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val		
	355	360 365
Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val		
	370	375 380
Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Pro Gly		
	385	390 395 400
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val		
	405	410 415
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly		
	420	425 430
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val		
	435	440 445
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro		
	450	455 460

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 465 470 475 480

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
 485 490 495

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro
 500 505 510

Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
 515 520 525

Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
 530 535 540

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
 545 550 555 560

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 565 570 575

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 580 585 590

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 595 600 605

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
 610 615 620

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
 625 630 635 640

Val Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
 645 650 655

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro
 660 665 670

Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
 675 680 685

Ala Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 690 695 700

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 705 710 715 720

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 725 730 735

Val Gly Val Pro Gly Val Gly Val Pro
 740 745

<210> 39
 <211> 1085
 <212> PRT
 <213> Artificial Sequence

<220>

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Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Glu	Gly	Val	Pro
305					310					315					320
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
				325					330					335	
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Glu	Gly	Val	Pro	Gly	Val
			340					345					350		
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
		355					360					365			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Glu	Gly	Val	Pro	Gly	Val	Gly	Val
370						375					380				
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro
385					390					395					400
Gly	Val	Gly	Val	Pro	Gly	Glu	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
				405					410					415	
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
			420					425					430		
Gly	Val	Pro	Gly	Glu	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
		435					440					445			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val
450						455					460				
Pro	Gly	Glu	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro
465					470					475					480
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
				485					490					495	
Glu	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val
			500					505					510		
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Glu	Gly
		515					520					525			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val
530						535					540				
Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Glu	Gly	Val	Pro
545					550					555					560
Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly
				565					570					575	
Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Glu	Gly	Val	Pro	Gly	Val
			580					585					590		
Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly
		595					600					605			
Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Glu	Gly	Val	Pro	Gly	Val	Gly	Val

610	615	620
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro
625	630	635 640
Gly Val Gly Val	Pro Gly Glu Gly Val	Pro Gly Val Gly Val Pro Gly
645	650	655
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro Gly Val
660	665	670
Gly Val	Pro Gly Glu Gly Val	Pro Gly Val Gly Val Pro Gly Val Gly
675	680	685
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
690	695	700
Pro Gly Glu Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro
705	710	715 720
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro Gly
725	730	735
Glu Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro Gly Val
740	745	750
Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro Gly Glu Gly
755	760	765
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
770	775	780
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Glu Gly Val Pro
785	790	795 800
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro Gly
805	810	815
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Glu Gly Val Pro Gly Val
820	825	830
Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro Gly Val Gly
835	840	845
Val Pro Gly Val Gly Val	Pro Gly Glu Gly Val	Pro Gly Val Gly Val
850	855	860
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro
865	870	875 880
Gly Val Gly Val	Pro Gly Glu Gly Val	Pro Gly Val Gly Val Pro Gly
885	890	895
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val Pro Gly Val
900	905	910
Gly Val	Pro Gly Glu Gly Val	Pro Gly Val Gly Val Pro Gly Val Gly
915	920	925
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val
930	935	940

Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
420		425	430
Gly Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly	
435	440	445	
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	
450	455	460	
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro
465	470	475	480
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly
	485	490	495
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
	500	505	510
Gly Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly	
515	520	525	
Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	
530	535	540	
Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro
545	550	555	560
Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly
	565	570	575
Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro Gly Val
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Gly Val Pro Gly Val Gly Val	Pro Gly Val Gly Val	Pro	
595	600	605	

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 <212> PRT
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 <222> (1)..(4)
 <223> Synthetic

<400> 41

Gly Gly Val Pro
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<210> 42
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
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 <222> (1)..(4)
 <223> Synthetic

Protein Data Bank

<400> 42

Gly Gly Phe Pro

1

<210> 43

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

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<223> Synthetic

<400> 43

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Gly Val Gly Phe Pro

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<212> PRT

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<223> Synthetic

<400> 45

Gly Phe Gly Phe Pro

1

5

<210> 46

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

126790 "F00T000"

<221> PEPTIDE
<222> (1)..(6)
<223> Synthetic

<400> 46

Gly Arg Gly Asp Ser Pro
1 5

<210> 47
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(6)
<223> Synthetic

<400> 47

Gly Val Gly Val Ala Pro
1 5

<210> 48
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(5)
<223> Synthetic

<400> 48

Gly Glu Gly Val Pro
1 5

<210> 49
<211> 5
<212> PRT
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<222> (1)..(5)
<223> Synthetic

<400> 49

Gly Phe Gly Val Pro
1 5

<210> 50
<211> 4
<212> PRT

PEPTIDE

<213> Artificial Sequence

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<222> (1)..(4)

<223> Synthetic

<400> 50

Gly Gly Ala Pro

1

<210> 51

<211> 5

<212> PRT

<213> Artificial Sequence

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<222> (1)..(5)

<223> Synthetic

<400> 51

Gly Val Gly Ile Pro

1

5

<210> 52

<211> 6

<212> PRT

<213> Artificial Sequence

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<221> PEPTIDE

<222> (1)..(6)

<223> Synthetic

<400> 52

Val Gly Val Ala Pro Gly

1

5

<210> 53

<211> 106

<212> PRT

<213> Artificial Sequence

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<221> PEPTIDE

<222> (1)..(106)

<223> Synthetic

<400> 53

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly

1

5

10

15

Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
65	70	75	80
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
85	90	95	
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
100	105	110	
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
115	120	125	
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
130	135	140	
Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
145	150	155	160
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
165	170	175	
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
180	185	190	
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
195	200	205	
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
210	215	220	
Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
225	230	235	240
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
245	250	255	
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
260	265	270	
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
275	280	285	
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
290	295	300	
Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
305	310	315	320
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
325	330	335	
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
340	345	350	
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
355	360	365	
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
370	375	380	

Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
385	390	395	400
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
	405	410	415
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
	420	425	430
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
	435	440	445
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
	450	455	460
Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
465	470	475	480
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
	485	490	495
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
	500	505	510
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
	515	520	525
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
	530	535	540
Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
545	550	555	560
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
	565	570	575
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
	580	585	590
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
	595	600	605
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
	610	615	620
Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro
625	630	635	640
Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly
	645	650	655
Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val
	660	665	670
Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly
	675	680	685
Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile
	690	695	700
Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro Gly Val Gly Ile	Pro

Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1040						1045					1050			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1055						1060					1065			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1070						1075					1080			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1085						1090					1095			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1100						1105					1110			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1115						1120					1125			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1130						1135					1140			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1145						1150					1155			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1160						1165					1170			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1175						1180					1185			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1190						1195					1200			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1205						1210					1215			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1220						1225					1230			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1235						1240					1245			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1250						1255					1260			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1265						1270					1275			
Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly	Ile	Pro	Gly	Val	Gly
1280						1285					1290			
Ile	Pro	Gly	Val	Gly	Ile	Pro								
1295						1300								

<210> 56
 <211> 50
 <212> PRT
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<220>

Y00001-1300

<223> Synthetic

<400> 58

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
1 5 10 15
Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
20 25 30
Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
35 40 45
Ile Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
50 55 60
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
65 70 75 80
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
85 90 95
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
100 105 110

<210> 59

<211> 45

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (1)..(45)

<223> Synthetic

<400> 59

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Phe Gly Val Pro Gly
1 5 10 15
Val Gly Val Pro Gly Val Gly Val Pro Gly Phe Gly Val Pro Gly Val
20 25 30
Gly Val Pro Gly Val Gly Val Pro Gly Phe Gly Val Pro
35 40 45

<210> 60

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (1)..(111)

<223> Synthetic

<400> 60

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
 1 5 10 15
 Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
 20 25 30
 Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
 35 40 45
 Ile Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
 50 55 60
 Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Phe
 65 70 75 80
 Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 85 90 95
 Gly Lys Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
 100 105 110

<210> 61
 <211> 25
 <212> PRT
 <213> Artificial Sequence

<220>
 <221> PEPTIDE
 <222> (1)..(25)
 <223> Synthetic

<400> 61

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 1 5 10 15

Val Gly Val Pro Gly Lys Gly Val Pro
 20 25

<210> 62
 <211> 50
 <212> PRT
 <213> Artificial Sequence

<220>
 <221> PEPTIDE
 <222> (1)..(50)
 <223> Synthetic

<400> 62

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
 1 5 10 15

Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val
 20 25 30

Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly
 35 40 45

T
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T
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S
T
S

Phe Pro
50

<210> 63
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(30)
<223> Synthetic

<400> 63
ttcggattcc cgggcgtagg cgtaccgggt

30

<210> 64
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(30)
<223> Synthetic

<400> 64
aagcctaagg gcccgcattcc gcatggccca

30

<210> 65
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(10)
<223> Synthetic

<400> 65

Phe Gly Phe Pro Gly Val Gly Val Pro Gly
1 5 10